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Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2008; month=2; day=27; hr=15; min=31; sec=21; ms=575;]
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Validated By CRFValidator v 1.0.3

Application No: 10537864   Version No: 2.1

Input Set:

Output Set:

Started: 2008-02-27 15:28:49.377
Finished: 2008-02-27 15:28:51.015
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 638 ms
Total Warnings: 17
Total Errors: 0
No. of SeqIDs Defined: 17
Actual SeqID Count: 17

Error code   Error Description

W 213   Artificial or Unknown found in <213> in SEQ ID (1)

W 213   Artificial or Unknown found in <213> in SEQ ID (2)

W 213   Artificial or Unknown found in <213> in SEQ ID (3)

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W 213   Artificial or Unknown found in <213> in SEQ ID (8)

W 213   Artificial or Unknown found in <213> in SEQ ID (9)

W 213   Artificial or Unknown found in <213> in SEQ ID (10)

W 213   Artificial or Unknown found in <213> in SEQ ID (11)

W 213   Artificial or Unknown found in <213> in SEQ ID (12)

W 213   Artificial or Unknown found in <213> in SEQ ID (13)

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ttcagggctc agatggatcc taatagaata tcagaagatg acactcactg cattaataga   180

attttcaaac tccatgaaaa tgcagatttg caagacacaa ctctggagaa tcaagacaca   240

aaattaatac ctgattcgtg taagagcatt aagcaggcct tccgagccgc cgtacaaaag   300

gaattacaac atattgttag atcacaacac atcagagcag aaaaagctat gatggaaggt   360

tcatggttgg aaatggccag gaggggcaag actcatactc aaccttttgc tcatctcact   420

atcaatgcca ctgacatccc atctggttcc cacaaagtga gtctgtcctc ctggtaccat   480

gaccgaggtt gggccaagat ctccaacatg actttcagca atgggaaact aatagttaac   540

caagatggct tttatttcct gtacgccaac atttgcttta gacatcatga aacttcagga   600

gacctcgcca cagagtatct tcagctgatg gtgtatgtca ctaaaccag catcaaaatc   660

ccgagttctc atacactgat gaaaggaggt agcaccaaat actggtcagg gaattctgaa   720

ttccattttt attccataaa cgttggagga ttttttaagc tacgatctgg tgaggaaata   780

agcatcgagg tatccaaccc atcactactg gacccagatc aagatgcaac atactttggg   840

gcttttaagg ttctagatat agattgagtc ccattttatg gagtgttatt ctgtatttcc   900

gaggatgtat ggaaaatttt tttaaacaag gcaagaaaga tgtatataga tgtgagacta   960

ctaaggggta tgacccacaa tgatacaag   989

<210>   2
<211>   275
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   artificial sequence for canine RANK ligand

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Ala Ala Ser Arg Ser Val Ala Val Ala Phe Leu Gly Leu Gly Leu Gly
1   5   10   15

Gln Val Val Cys Ser Val Ala Leu Phe Leu Tyr Phe Arg Ala Gln Met
            20   25   30

Asp Pro Asn Arg Ile Ser Glu Asp Asp Thr His Cys Ile Asn Arg Ile
        35   40   45

Phe Lys Leu His Glu Asn Ala Asp Leu Gln Asp Thr Thr Leu Glu Asn
    50   55   60

Gln Asp Thr Lys Leu Ile Pro Asp Ser Cys Lys Ser Ile Lys Gln Ala
65   70   75   80

Phe Arg Ala Ala Val Gln Lys Glu Leu Gln His Ile Val Arg Ser Gln
                85   90   95

His Ile Arg Ala Glu Lys Ala Met Met Glu Gly Ser Trp Leu Glu Met
            100   105   110

Ala Arg Arg Gly Lys Thr His Thr Gln Pro Phe Ala His Leu Thr Ile
        115   120   125

Asn Ala Thr Asp Ile Pro Ser Gly Ser His Lys Val Ser Leu Ser Ser
    130   135   140

Trp Tyr His Asp Arg Gly Trp Ala Lys Ile Ser Asn Met Thr Phe Ser
145   150   155   160

Asn Gly Lys Leu Ile Val Asn Gln Asp Gly Phe Tyr Phe Leu Tyr Ala
                165   170   175

Asn Ile Cys Phe Arg His His Glu Thr Ser Gly Asp Leu Ala Thr Glu
                180   185   190

Tyr Leu Gln Leu Met Val Tyr Val Thr Lys Thr Ser Ile Lys Ile Pro
        195   200   205

Ser Ser His Thr Leu Met Lys Gly Gly Ser Thr Lys Tyr Trp Ser Gly
    210   215   220

Asn Ser Glu Phe His Phe Tyr Ser Ile Asn Val Gly Gly Phe Phe Lys
225   230   235   240

Leu Arg Ser Gly Glu Glu Ile Ser Ile Glu Val Ser Asn Pro Ser Leu
                245   250   255

Leu Asp Pro Asp Gln Asp Ala Thr Tyr Phe Gly Ala Phe Lys Val Leu
                260   265   270

Asp Ile Asp
        275

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<212>   DNA
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<223>   T7 primer

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taatacgact cactatag   18

<210>   4

<211> 21
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<223> RANKL human/AS2 primer

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<223> RANKL human/S3 primer

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cttgtatcat tgtgggtcat acc   23

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ccagattaga gcaattatgg ttgc   24

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<220>
<223>   FLAG Sequence

<400>   16

Asp Tyr Lys Asp Asp Asp Asp
1   5

<210>   17
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<212>   PRT
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<220>
<223>   proteolytic cleavage site

<400>   17

Pro Arg Pro Pro Thr Pro Gly Asn Leu
1   5